
**CHECKLIST #0235 FOR THE APPROVAL OF:
IMPACT RESISTANT SCREEN MEMBRANE STRUCTURES**

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
 - a) All components indicating dimensions, material grade, thickness, etc.
 - b) Installation details indicating screen layouts and all mounting details,
 - c) Anchors and fasteners used to secure the unit to each substrate indicating type, size, spacing and minimum embedment,
 - d) Required reactions at attachment points, and
 - d) Maximum span, minimum distance from surface of non-impact resistant product and location of product label. See note 2 below.
- Calculations for anchoring method of shutter assembly to the structure.
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol TAS 301.

- Impact test per TAS 201. Report deflection, penetration & rupture.
- Uniform static air test per TAS 202.
- Cyclic test per TAS 203. Report deflection & recovery.
- Test verifying physical properties of materials.

Notes:

1. If system has plastic as a component, add the plastics checklist to these requirements.
2. Maximum separation from screen to surface of opening is to be 2 times the maximum deflection measured from any of TAS201, TAS202 or TAS203.
3. Maximum deflection for structural members is L/80; see FBC 1612.1(8).

